

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

English Bay River 241-30-10500
Segment A-01

AWC Volume SE SC SW W AR IN USGS Quad Seldovia B-5

Anadromous Water Catalog Number of Waterway 248-30-10500-2031

Name of Waterway English Bay River USGS name _____ Local name _____

Addition ☒ Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>94 289</u>	<u>[Signature]</u>	<u>1/19/94</u>
Revision Year: <u>94</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>ED Wain</u>	<u>12/28/93</u>
Both <u>X</u>	<u>2. Brown</u>	<u>1/28/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Coho Salmon - Juvenile</u>	<u>9-18-93</u>		<u>4.0</u>		<u>✓</u>

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Coho salmon fry distribution extended upstream until increasing gradient and lack of spawning/rearing habitat was reached. No barrier was observed. Stream width ranged from 4 meters at the mouth to 3 meters at the upper extent of salmon distribution. Gradient is 2 percent. Predominant stream substrate is gravel.

Name of Observer (please print) KATHARIN SUNDET ALASKA DEPT. OF FISH & GAME
Date: 10/19/93 Signature: Katharin Sundet NOV 03 1993
Address: 833 RASPBERRY REGION II
ANCHORAGE AK 99518 HABITAT AND RESTORATION DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: _____

Rev. 7/93

STREAM HABITAT ASSESSMENT 1993 - SEGMENTS

ANADROMOUS: (y) n WIDTH (m): 4 - 3 LENGTH (m): _____ GPS DATE: ____/____/____ DIGITIZE: y n

WATERBODY: mainstem tributary lake/pond wetland Intertidal other :

GRADIENT(%): 1 CHANNEL PROFILE:

CHANNEL PATTERN: single multi braided

STREAM SUBSTRATE: (rank three most predominant types) BEDROCK BOULDER RUBBLE COBBLE
GRAVEL 1 SAND 2 MUD/SILT 3 ORGANICS OTHER:

STREAM COVER TYPE: ORGANIC DEBRIS ☒ DEAD BRANCHES/TWIGS ☒ LOGS ☒ BOULDERS ☐
CUT BANK ☒ OVERHANGING VEGET. ☒ OTHER: ☐

STREAM COVER ABUNDANCE: none low medium high

RIPARIAN VEGETATION (three most abundant plants in order of dominance) within 20m of the banks:

OVERSTORY:	SPRUCE	COTTON WOOD	-
UNDERSTORY:	ALDER	SALMON BERRY	DEER'S CLUB

CANOPY ABOVE STREAM: ~~none~~ low medium high

GROWTH: mature secondary shrubs meadow muskeg Intertidal

TOTAL BARRIER? $\gamma(n)$ BARRIER TO SPECIES: _____ adults juveniles

TYPE: fall slide beaverdam logjam spring substrate HEIGHT (m): _____ DIST. FROM UPPER EXTENT (m): _____

PHOTO ROLL(s): Hunka-02

VIDEO TAPE(s):

Substrate: Bedrock (solid) Boulder >1' Rubble 6-12" Cobble 2-6" Gravel .1-2" Sand <.1"
(Please enter comments on the other side)

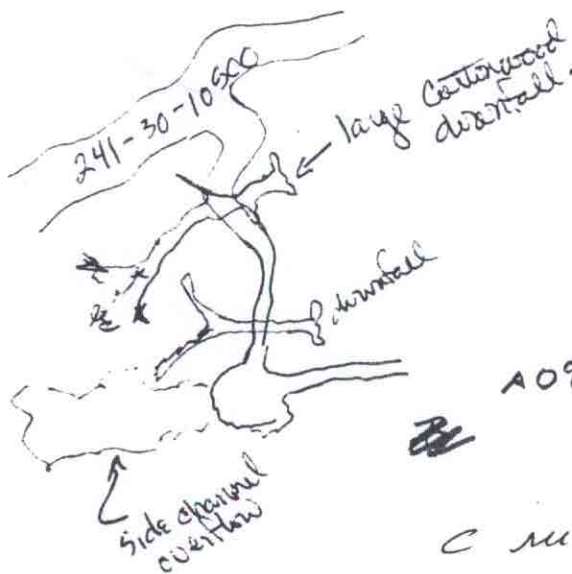
INCREASING GRADIENT, LACK OF SPAWNING/REARING
HABITAT - OCCASIONAL HIGH FLOWS AS
INDICATED BY HEAVILY WASHED-OUT BANKS SEEM
TO DETERMINE THE ANADROMOUS EXTENT.

(DO NOT ENTER)

STREAM HABITAT ASSESSMENT 1993 - STREAMS

STREAM: A-241-30-10500 QUAD: Soldana B5 STAGE: H/M/L
 LANDOWNER: Chenega CAC Eyak Tatitlek Pt. Graham English Bay (circle one)
 DATE(s): 9/18/93 UTM ZONE: 5
 GPS FILES: A092318A, B

SKETCH (indicate UTM zones, if not uniform throughout the stream)



A092318B

C run stream down

PHOTO ROLL(s):

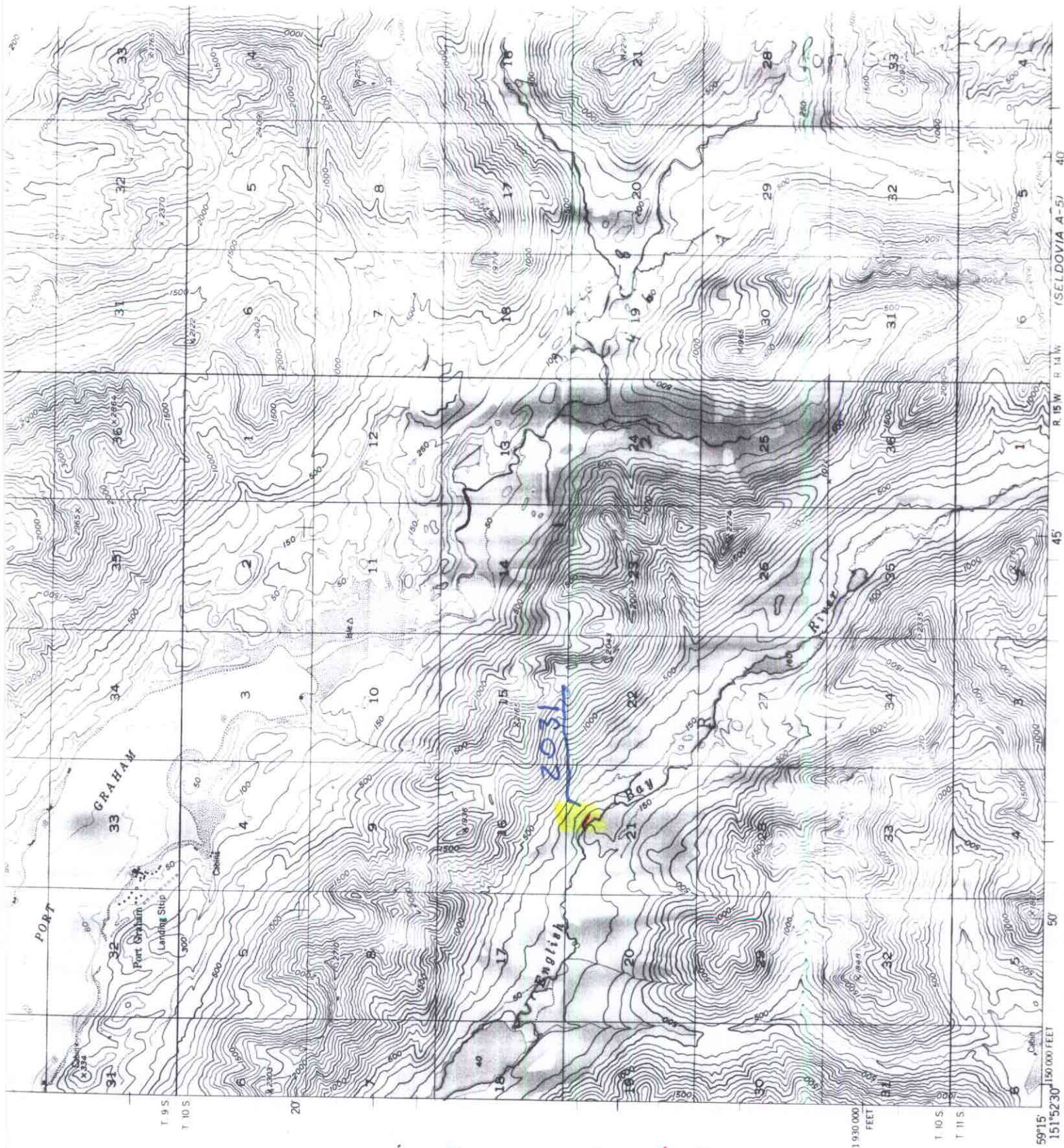
VIDEO TAPE(s):

FRAME

DESCRIPTION

DATE

(Please enter comments on the other side)



6) Mapped, edited, and published by the Geological Survey

ADD STREAM 241-30-10500-2031
 w/ COR (trib A)

MEMORANDUM

State of Alaska

DEPARTMENT OF FISH & GAME

TO: Ed Weiss
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

DATE: November 3, 1993

FILE NO.:

TELEPHONE NO.: 267-2295

SUBJECT: Anadromous Stream
Nominations
and Corrections
Project R-51

FROM: Kathrin Sundet *KS*
Habitat Biologist
Region II
Habitat and Restoration Division
Department of Fish and Game

Attached are anadromous stream nominations and corrections to be included in the Anadromous Waters Catalog for 74 streams surveyed in the fall of 1993 on private lands held by the Port Graham, English Bay and Seldovia Native Corporations on the outer Kenai Peninsula.

Streams were surveyed by the Alaska Department of Fish and Game, Habitat and Restoration Division personnel, Kathrin Sundet, Jeff Barnhart, Dan Grey, and Wes Ghormley as part of Exxon Valdez Oil Spill Restoration project R-51 aka SHA (Stream Habitat Assessment).

Streams were surveyed on foot from the intertidal zone to the upper extent of anadromous fish distribution. Adult salmon and Dolly Varden were visually identified and enumerated. Juvenile salmon were visually identified in the stream, and then captured by electroshocking, dipnet, or minnow trap to confirm identification. Sampling was conducted periodically along the stream to determine the presence of juvenile salmon. No attempt was made to determine the rearing population sizes of juvenile salmon, or to determine the total escapement of adult salmon in a stream.

Stream data are on file at the Alaska Department of Fish and Game, Habitat and Restoration office, 333 Raspberry Road, Anchorage, Alaska.

cc: Lance Trasky
Don McKay
Mark Kuwada

ALASKA DEPT. OF
FISH & GAME

NOV 03 1993

REGION II
HABITAT AND RESTORATION
DIVISION